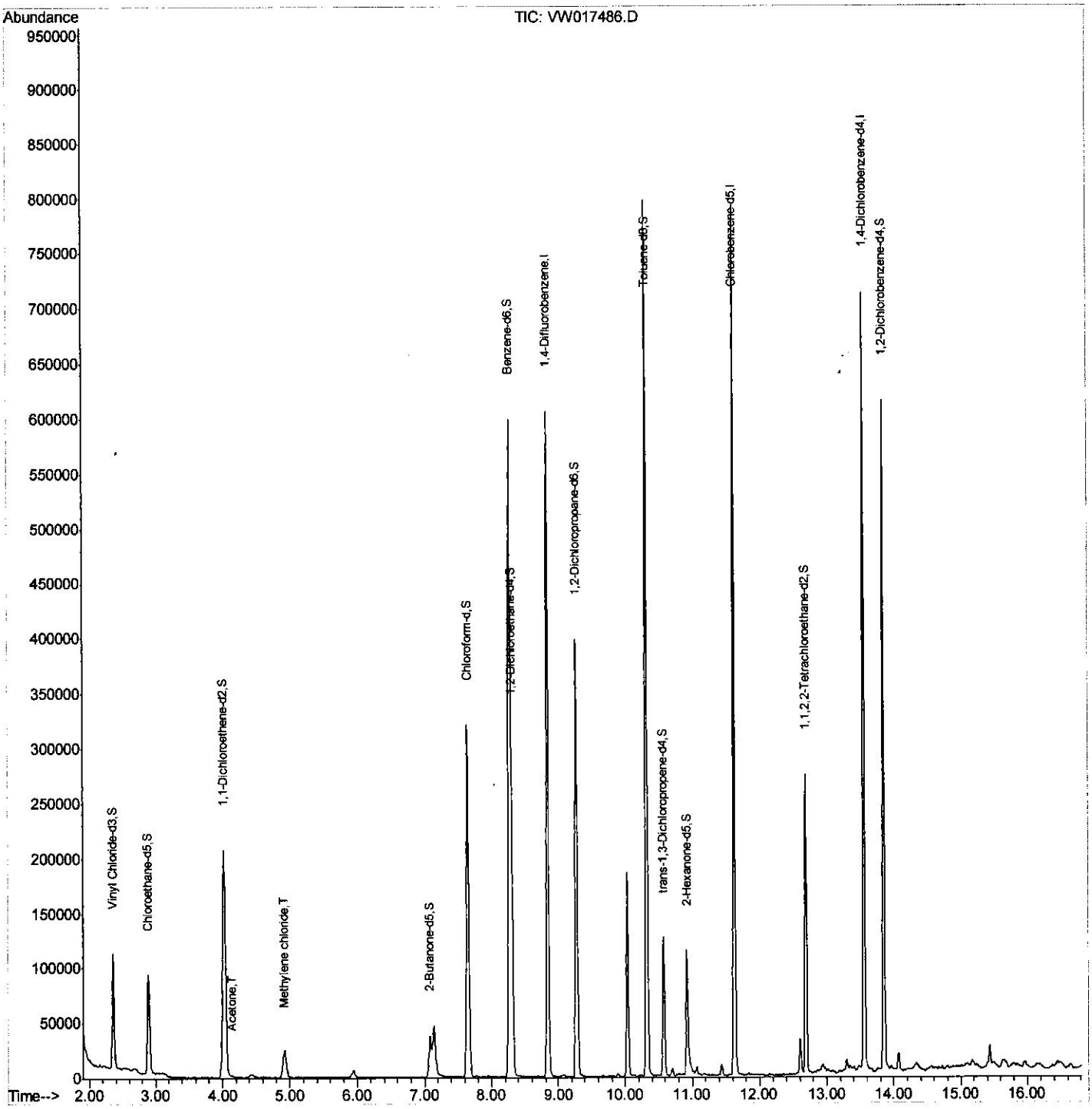
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112420\
Data File : VW017486.D
Acq On : 24 Nov 2020 20:39
Operator : SY/VA
Sample : L4861-06
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 03:33:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
C0B29

Manual Integrations APPROVED
mmdadoda
11/26/2020 1:52:19 PM



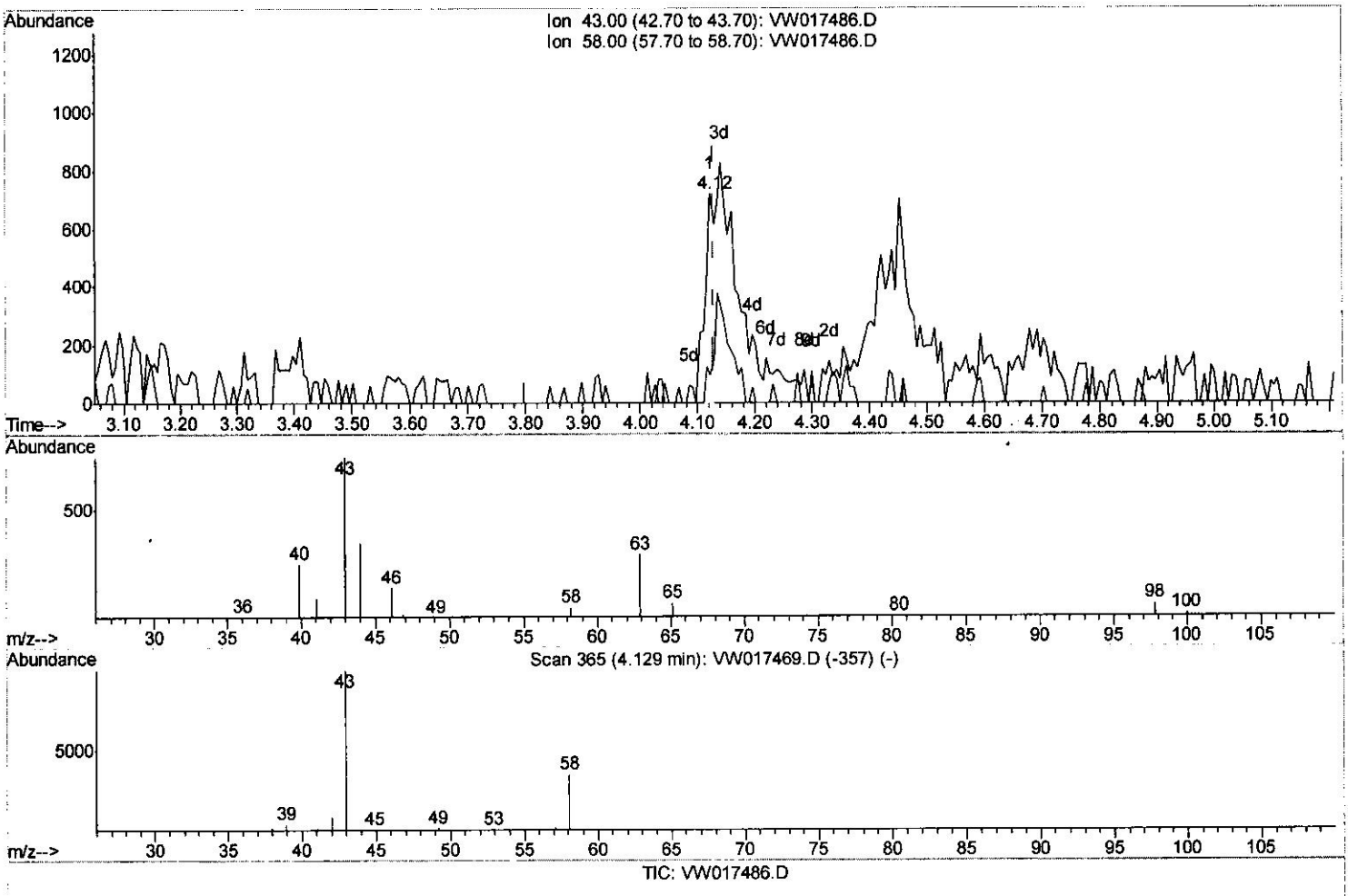
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112420\
Data File : VW017486.D
Acq On : 24 Nov 2020 20:39
Operator : SY/VA
Sample : L4861-06
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 01:49:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
C0B29

Manual Integrations APPROVED
mmdadoda
11/26/2020 1:52:19 PM



TIC: VW017486.D

(13) Acetone (T)

4.123min (-0.006) 0.61ug/L

response 820

Ion	Exp%	Act%
43.00	100	100
58.00	34.20	9.76
0.00	0.00	0.00
0.00	0.00	0.00

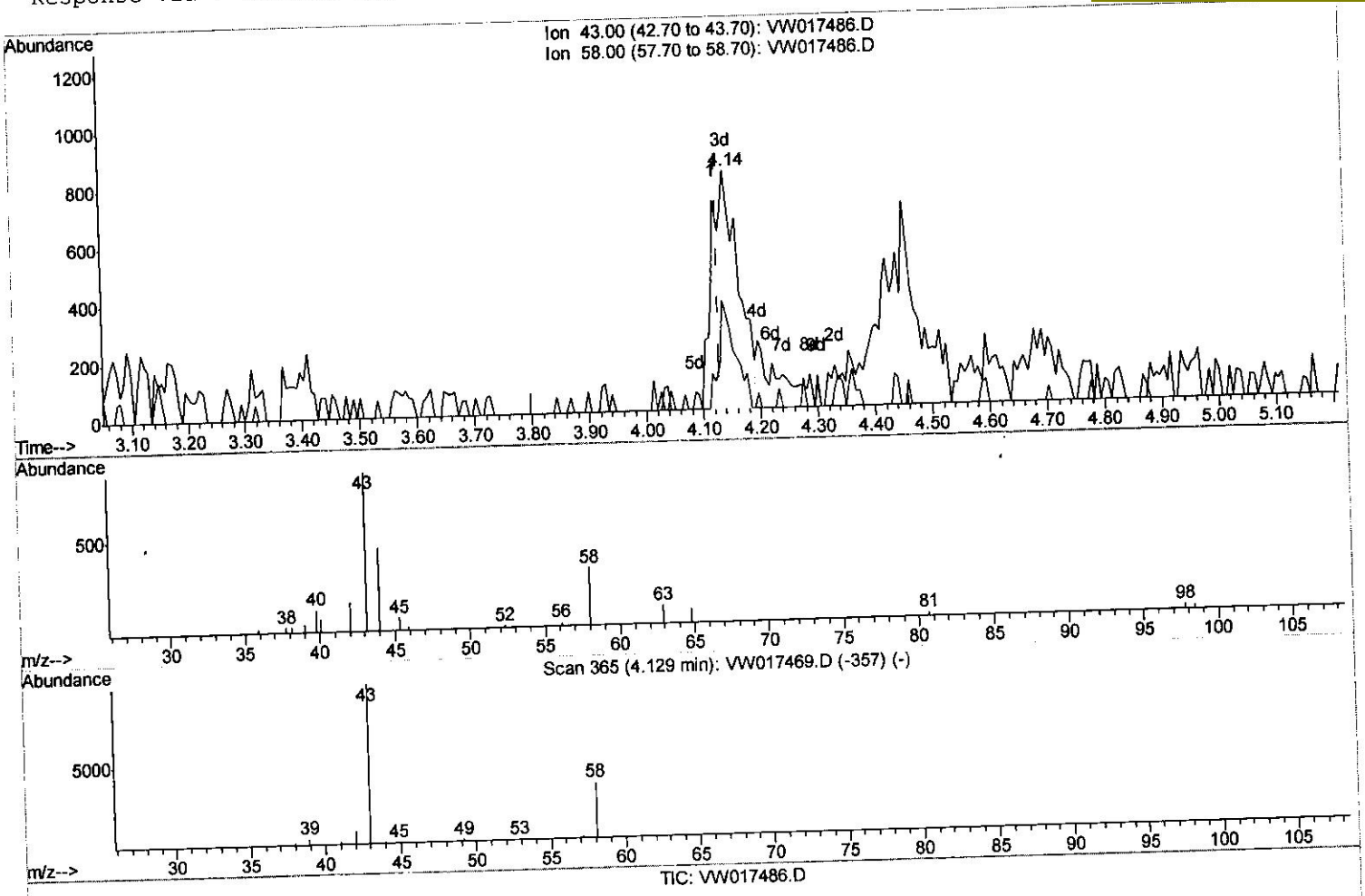
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112420\
Data File : VW017486.D
Acq On : 24 Nov 2020 20:39
Operator : SY/VA
Sample : L4861-06
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 01:49:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
C0B29

Manual Integrations APPROVED
mmdadoda
11/26/2020 1:52:19 PM



(13) Acetone (T)

4.141min (+0.012) 1.96ug/L m

response 2651

SY 12/02/20

Ion	Exp%	Act%
43.00	100	100
58.00	34.20	3.02
0.00	0.00	0.00
0.00	0.00	0.00

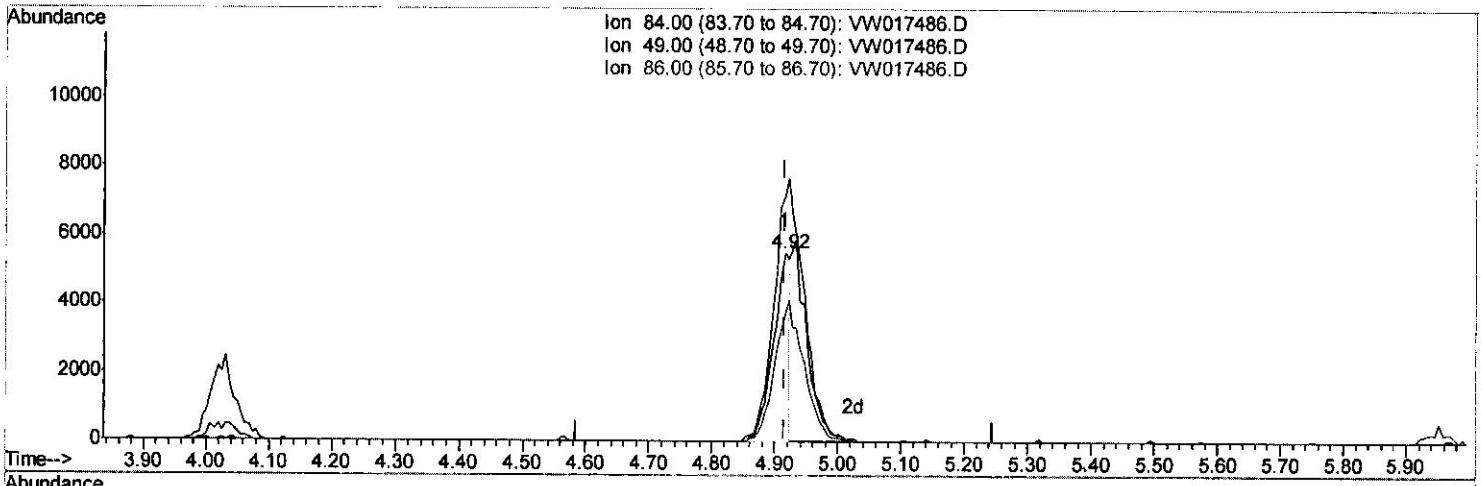
Quantitation Report (Qedit)

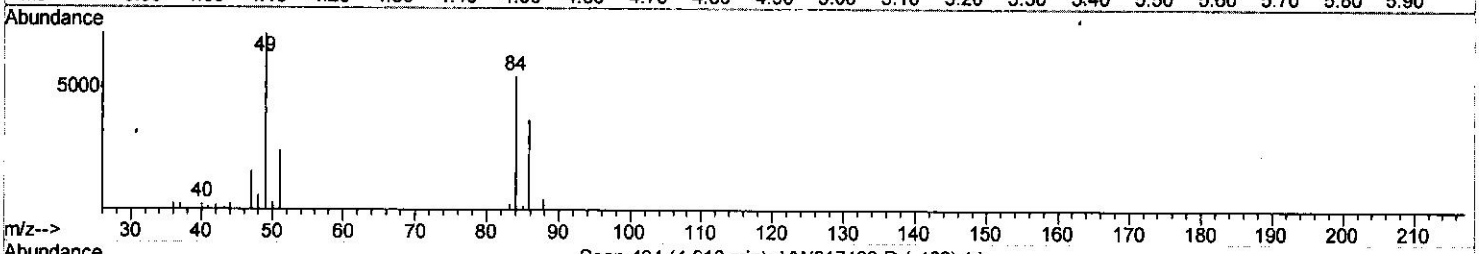
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112420\
Data File : VW017486.D
Acq On : 24 Nov 2020 20:39
Operator : SY/VA
Sample : L4861-06
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

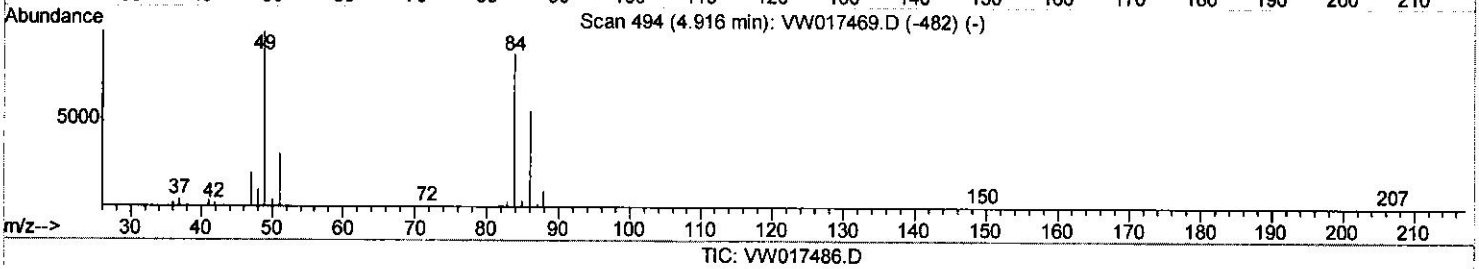
Quant Time: Nov 25 01:49:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
C0B29

Manual Integrations APPROVED
mmdadoda
11/26/2020 1:52:19 PM







TIC: VW017486.D

(16) Methylene chloride (T)

4.915min (-0.000) 1.29ug/L

response 9826

Ion	Exp%	Act%
84.00	100	100
49.00	116.00	130.71
86.00	63.60	67.69
0.00	0.00	0.00

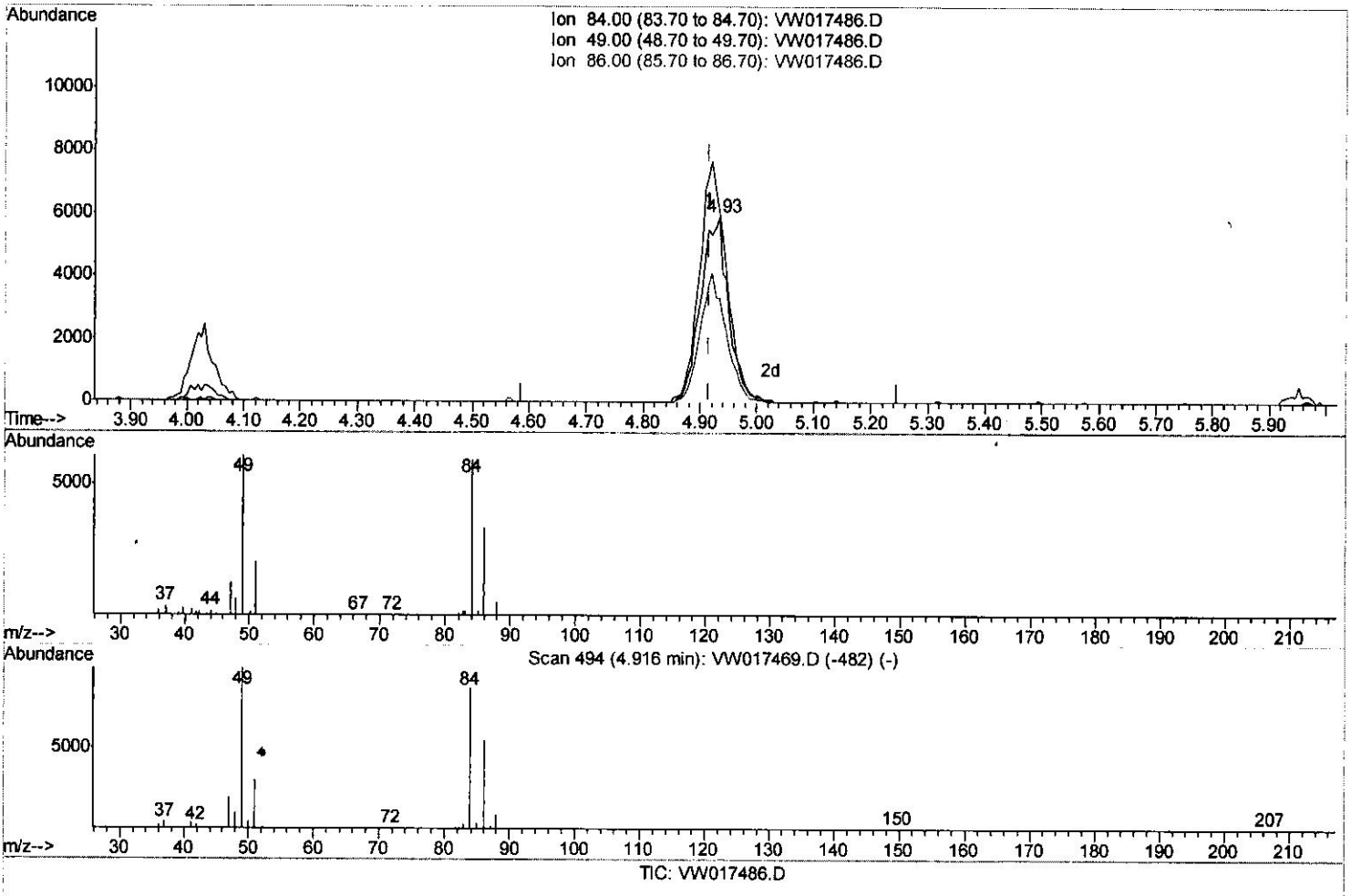
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112420\
Data File : VW017486.D
Acq On : 24 Nov 2020 20:39
Operator : SY/VA
Sample : L4861-06
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 01:49:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
C0B29

Manual Integrations APPROVED
mmdadoda
11/26/2020 1:52:19 PM



TIC: VW017486.D

(16) Methylene chloride (T)
4.934min (+0.018) 2.65ug/L m
response 20139

SY 12/02/20

Ion	Exp%	Act%
84.00	100	100
49.00	116.00	102.56
86.00	63.60	56.35
0.00	0.00	0.00

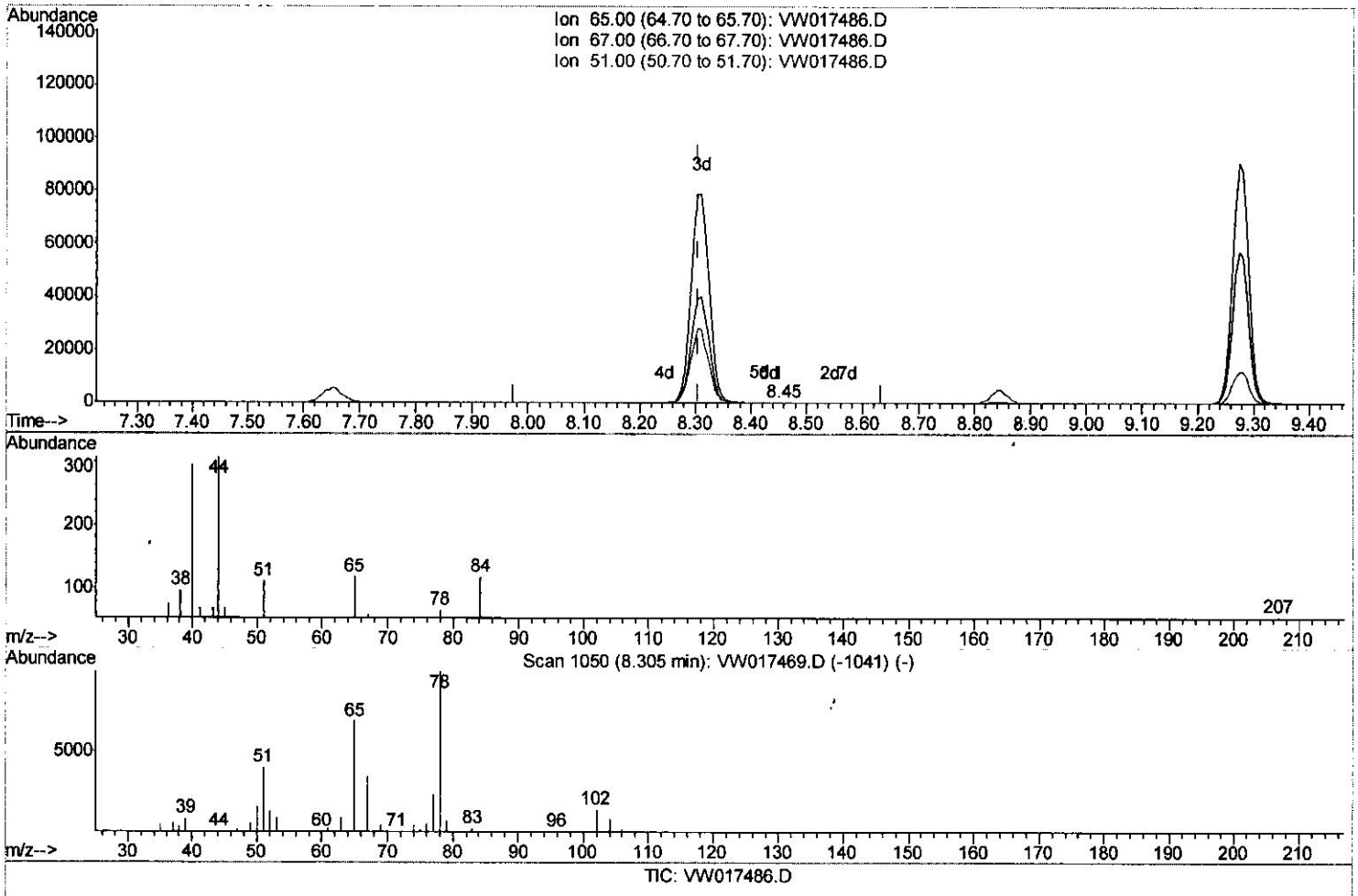
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112420\
Data File : VW017486.D
Acq On : 24 Nov 2020 20:39
Operator : SY/VA
Sample : L4861-06
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 01:49:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
C0B29

Manual Integrations APPROVED
mmdadoda
11/26/2020 1:52:19 PM



TIC: VW017486.D

(26) 1,2-Dichloroethane-d4 (S)

8.451min (+0.146) 0.01ug/L

response 86

Ion	Exp%	Act%
65.00	100	100
67.00	53.90	63.95
51.00	108.50	130.23
0.00	0.00	0.00

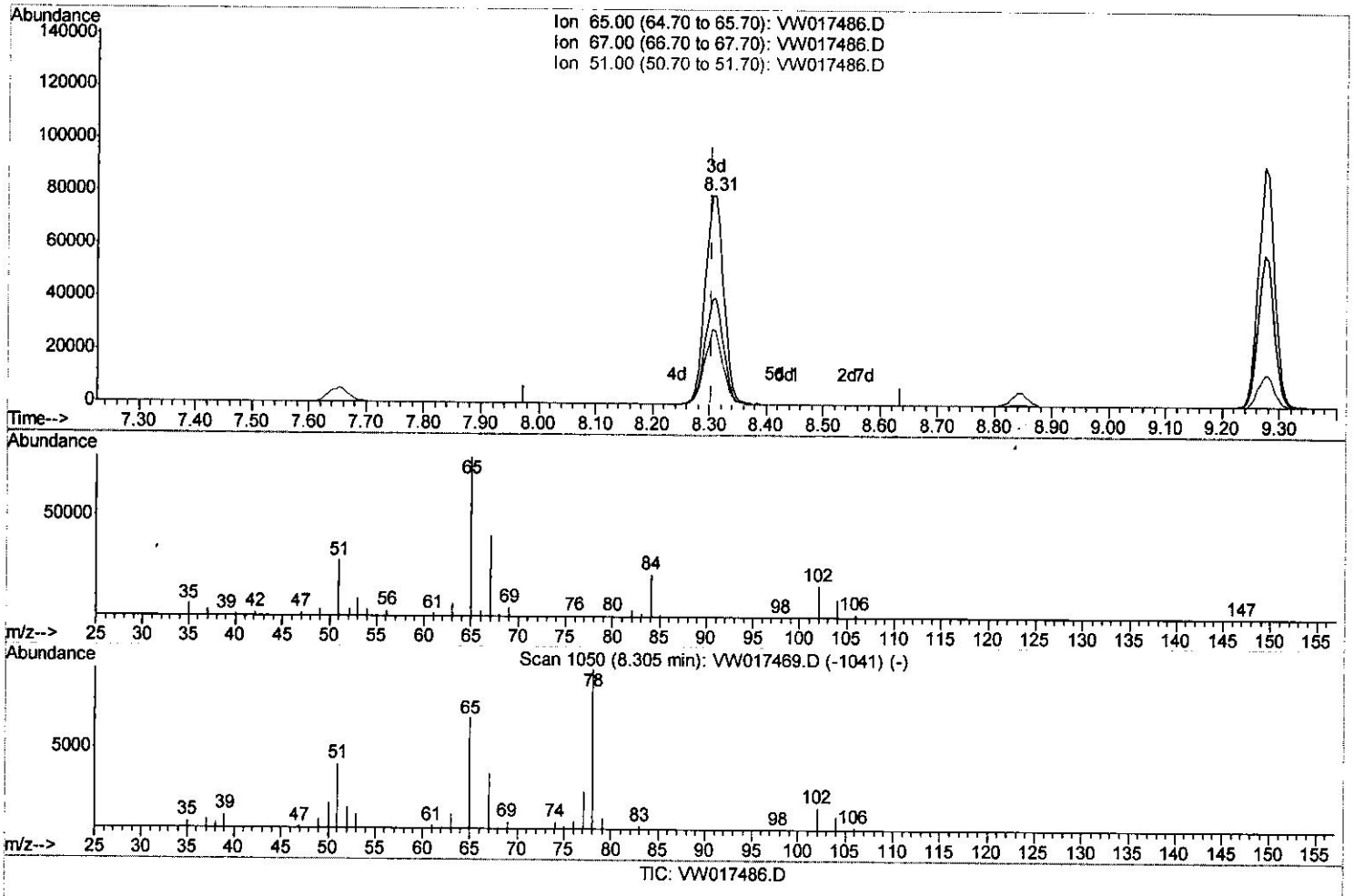
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112420\
Data File : VW017486.D
Acq On : 24 Nov 2020 20:39
Operator : SY/VA
Sample : L4861-06
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 01:49:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
C0B29

Manual Integrations APPROVED
mmdadoda
11/26/2020 1:52:19 PM



(26) 1,2-Dichloroethane-d4 (S)

8.311min (+0.006) 25.25ug/L m SY 12/02/20

response 178127

Ion	Exp%	Act%
65.00	100	100
67.00	53.90	0.03#
51.00	108.50	0.06#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112420\
Data File : VW017486.D
Acq On : 24 Nov 2020 20:39
Operator : SY/VA
Sample : L4861-06
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B29

Manual Integrations APPROVED
mmdadoda
11/26/2020 1:52:19 PM

Quant Time: Nov 25 03:33:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	506116	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	427927	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179941	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	123557	18.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.24%			
7) Chloroethane-d5	2.90	69	112198	19.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.88%			
10) 1,1-Dichloroethene-d2	4.03	63	223610	15.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.36%			
20) 2-Butanone-d5	7.09	46	62979	44.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.72%			
24) Chloroform-d	7.65	84	320335	22.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.12%			
26) 1,2-Dichloroethane-d4	8.31	65	178127m	25.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.00%			
29) Benzene-d6	8.28	84	595132	22.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.48%			
33) 1,2-Dichloropropane-d6	9.27	67	179371	24.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.52%			
37) Toluene-d8	10.32	98	518714	21.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.60%			
38) trans-1,3-Dichloropropene-	10.58	79	67928	20.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.52%			
39) 2-Hexanone-d5	10.93	63	41079	45.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.16%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127335	24.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.20%			
61) 1,2-Dichlorobenzene-d4	13.85	152	154798	23.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.96%			
Target Compounds						Qvalue
13) Acetone	4.14	43	2651m	1.962	ug/L	
16) Methylene chloride	4.93	84	20139m	2.650	ug/L	

S.Y 12/02/20

S.Y 12/02/20

(#) = qualifier out of range (m) = manual integration (+) = signals summed